



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11) Publication number: 0 532 366 A3

(12)

## EUROPEAN PATENT APPLICATION

(21) Application number: 92308343.0

(51) Int. Cl.<sup>5</sup>: H01R 13/629

(22) Date of filing: 14.09.92

(30) Priority: 13.09.91 JP 234779/91

(43) Date of publication of application:  
17.03.93 Bulletin 93/11

(84) Designated Contracting States:  
DE GB

(88) Date of deferred publication of search report:  
11.08.93 Bulletin 93/32

(71) Applicant: SUMITOMO WIRING SYSTEMS,  
LTD.  
1-14, Nishisuehiro-cho  
Yokkaichi City Mie Pref. (JP)

(72) Inventor: Okada, Hajime, c/o Sumitomo Wiring Systems, Ltd.  
1-14, Nishisuehiro-cho  
Yokkaichi City, Mie Pref. (JP)  
Inventor: Taniuchi, Osamu, c/o Sumitomo Wiring Systems, Ltd.  
1-14, Nishisuehiro-cho  
Yokkaichi City, Mie Pref. (JP)

(74) Representative: Flegg, Christopher Frederick et al  
Boult, Wade & Tennant 27 Furnival Street London EC4A 1PQ (GB)

(54) Connector assembly.

(57) A connector assembly having first and second connectors (10) and (11) has a protection plate (20) through which terminal members (3) partially project and which is displaceable to expose the terminal members during engagement of the first and second connectors. The protection plate is provided with jig holes (25) close to the terminal holes (24) through which the terminal members project thereby allowing access to the terminal members for repair without the need to remove the protection plate. Movement of the protection plate is controlled by a lever (30) pivotally mounted on the first connector. During engagement of the connectors the lever urges the first and second connectors into engagement whilst moving the protection plate in interlocked manner with the second connector.

Fig. 1 (A)

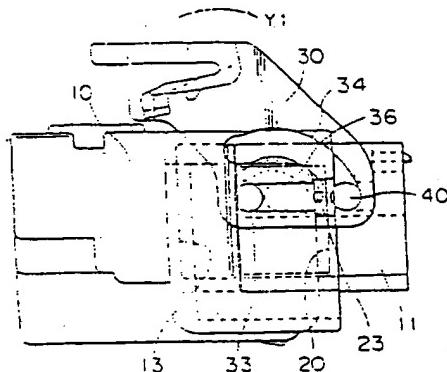
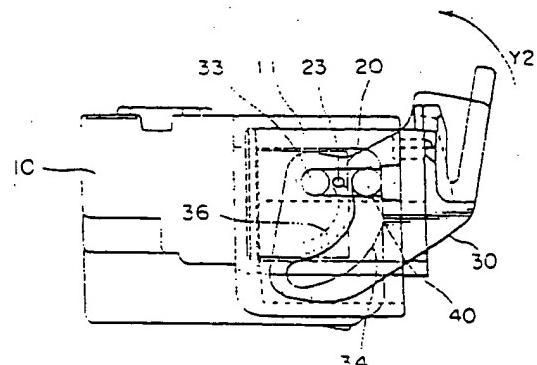


Fig. 1 (B)



EP 0 532 366 A3

European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number

EP 92 30 8343

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)						
A	GB-A-2 179 506 (CANNON) * abstract; figures 1,2 *	1,3	H01R13/629						
A	EP-A-0 180 782 (SIEMENS) * abstract; figure 1 *	1							
-----									
TECHNICAL FIELDS SEARCHED (Int. Cl.5)									
H01R									
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>17 JUNE 1993</td> <td>DEMOLDER J.</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	THE HAGUE	17 JUNE 1993	DEMOLDER J.
Place of search	Date of completion of the search	Examiner							
THE HAGUE	17 JUNE 1993	DEMOLDER J.							
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone      Y : particularly relevant if combined with another document of the same category      A : technological background      O : non-written disclosure      P : intermediate document</p> <p>T : theory or principle underlying the invention      E : earlier patent document, but published on, or after the filing date      D : document cited in the application      L : document cited for other reasons      &amp; : member of the same patent family, corresponding document</p>									